ABSTRACT OF THE DISCLOSURE

In a method for processing data in the form of a grid of discrete source values, at least one target value situated among the source values is determined by interpolation. Account is also taken of the character and the definition of the source data by determining a local minimum and a local maximum of the surrounding source values in a region round the target value for determining and by determining a measure for the dynamics of the surrounding source values in a region round the target value to be determined. The target value calculated by interpolation is adjusted in the direction of either the local maximum or the local minimum on the basis of the thus calculated measure for the dynamics of the surrounding source values in order to express the character and the definition of the source data.